

GRIDPP - UK Tier 1 Experiment Requests: 2025

Q424 data

New allocation TBD

UK Tier 1 Requests - 2025
CPU (HEPscore23)

	Average Usage last quarter	Alloc	VO requirements													Apr 2025	
			Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25			
<i>ALICE</i>	17524	18270	18270	18270	18270	18270	25470	25470	25470	25470	25470	25470	25470	25470	25470	25470	25470
<i>ATLAS</i>	224360	239528	239528	239528	239528	239528	275186	275186	275186	275186	275186	275186	275186	275186	275186	275186	275186
<i>CMS</i>	180091	62800	62800	62800	62800	62800	72767	72767	72767	72767	72767	72767	72767	72767	72767	72767	72767
<i>LHCb</i>	466807	180519	180519	180519	180519	180519	228049	228049	228049	228049	228049	228049	228049	228049	228049	228049	228049
<i>DUNE</i>	2024	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000	5000
<i>NA62</i>	22124	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000	10000
<i>LSST</i>	126	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000
<i>Allocation for remaining non-lhc</i>		46145.2	46145	46145	46145	46145	59191	59191	59191	59191	59191	59191	59191	59191	59191	59191	59191
TOTAL	913055	566262	566262	566262	566262	566262	679663	679663	679663	679663	679663	679663	679663.36	679663	679663	679663	679663.4
LCG Total	888782	501117	501117	501117	501117	501117	601472	601472	601472	601472	601472	601472	601472	601472	601472	601472	601472
Sum of Non-LHC	22249	65145	65145	65145	65145	65145	78191	78191	78191	78191	78191	78191	78191	78191	78191	78191	78191
Overhead		22650	22650	22650	22650	22650	27187	27187	27187	27187	27187	27187	27187	27187	27187	27187	27187
CURR CAPACITY	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392	874392
HEADROOM	-38663	285479	285479	285479	285479	285479	167542	167542	167542	167542	167542	167542	167542	167542	167542	167542	167542

WLCG 2022 pledge

WLCG 2023 pledge

WLCG Pledge 2024

14940	17071	18072
192557	215507	239432
52000	62800	62800
146665	180691	180519
406162	476069	500823

Massive increase in LHCb compute over last 4 months

NA62 agreed new allocation Nov 21
LSST no formal request currently (Dec 2020).

(Includes LiGO?, SKAtelescope...)

**UK Tier 1 Requests - 2025
DISK(TeraBytes)**

		Jan 25 Used	Alloc	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	WLCG 2022 Pledge	WLCG 2023 pledge	WLCG pledge 2024
ALICE		1430	2074	2916	2916	2916	2916	2916	2916	2916	2916	2916	2916	2916	2916	1646	1923	2051
ATLAS		25469	25754	25754	25754	25754	31306	31306	31306	31306	31306	31306	31306	31306	31306	17182	20768	25744
CMS		7678	7686	7686	7686	7686	9394	9394	9394	9394	9394	9394	9394	9394	9394	5440	7484	7694
LHCb		16774	15178	22092	22092	22092	22092	22092	22092	22092	22092	22092	22092	22092	22092	12474	15720	15724
GridPP Non-LHC VOs			1836	2338	2338	2338	2628	2628	2628	2628	2628	2628	2628	2628	2628			
IRIS Funded																		
Dune (IRIS sub allocation)		847	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
DLS (IRIS sub allocation)			1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000			
IRIS Unallocated				2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000			
LSST		19	2250	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000	4000			
RFI			7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000	7000			
LCG Total	0	51351	50692	58448	58448	58448	65708	65708	65708	65708	65708	65708	65708	65708	65708	36742	45895	51213
Echo TOTAL Allocated				68786	68786	68786	76336	76336	76336	76336	76336	76336	76336	76336	76336			
Echo CURR CAPACITY				72854	72854	72854	72854	72854	72854	72854	72854	72854	72854	72854	72854			
Echo HEADROOM				4068	4068	4068	-3482	-3482	-3482	-3482	-3482	-3482	-3482	-3482	-3482			

Request to expand this out for main users

Need to check the total allocatable

**UK Tier 1 Requests - 2025
TAPE(TeraBytes)**

	Jan 25 Used	Alloc	Jan-25	Feb-25	Mar-25	Apr-25	May-25	Jun-25	Jul-25	Aug-25	Sep-25	Oct-25	Nov-25	Dec-25	Apr 2025	2022 Pledge	WLCG 2023 pledge	WLCG Pledge 2024
ALICE	1676	3103	3103	3103	3103	4540	4540	4540	4540	4540	4540	4540	4540	4540	4540	1885	2504	3103
ATLAS	71099	71416	73000	73000	73000	94422	94422	94422	94422	94422	94422	94422	94422	94422	94422	40289	52981	71416
CMS	23144	24528	24528	24528	24528	29438	29438	29438	29438	29438	29438	29438	29438	29438	29438	17600	24528	23940
LHCb	35601	33058	33058	33058	33058	47871	47871	47871	47871	47871	47871	47871	47871	47871	47871	32776	39937	33058
ILC	216	400	400	400	400	400	400	400	400	400	400	400	400	400	400			
MICE	62	100	100	100	100	100	100	100	100	100	100	100	100	100	100			
NA62	18057	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000	18000			
T2K	661	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300	1300			
MINOS		20	20	20	20	20	20	20	20	20	20	20	20	20	20			
SOLID	1700	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000	2000			
SNO+	667	700	700	700	700	700	700	700	700	700	700	700	700	700	700			
DIRAC	2605	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000			
TOTAL	155488	157625	159209	159209	159209	201791	201791	201791	201791	201791	201791	201791	201791	201791	201791			
LCG Total	131520	132105	133689	133689	133689	176271	176271	176271	176271	176271	176271	176271	176271	176271	176271			
Non-LHC Total	23968	25520	25520	25520	25520	25520	25520	25520	25520	25520	25520	25520	25520	25520	25520			
Percentage non-LHC	18%	19%	19%	19%	19%	14%	14%	14%	14%	14%	14%	14%	14%	14%	14%	92550	119950	
CURR CAPACITY	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000	165000			
HEADROOM	9512.0	7375.0	5791.0	5791.0	5791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0	-36791.0			

Note any increased allocation compared to UK fraction, is to not reduce from previous allocations. These match CRIC
Approx 3.5PB increase usage this quarter
Approx 3PB increase usage this quarter
Approx 3.5PB increase usage this quarter

up 370

Raised to 2000 from April
Raising SNO+ to 700 inline with usage from April 24

Notes:
1. WLCG pledges to be taken from CRIC